DISPLAY MOUNT APPARATUS

BACKGROUND OF THE INVENTION

The present invention relates to a display mount and to a process for making a display mount having three panels hinged to each other with a single ductile hinge.

In the past, a great variety of displays for displaying calendars and the like have been provided. Typically, these display mounts are made of paperboard panels which have a plurality of calendar leaves attached by staples, stitches, or placed in pockets on the display mount. The display may be provided with some means for supporting the display, such as having a rear hinged panel to hold the panels in position. These prior type displays are frequently provided free by companies to their customers and potential customers with their advertising material printed on the display mount. The present invention is directed toward a method of making a multi-use calendar display which may contain a pen or pencil holder using a panel with a U-shaped slot therein.

Typical display mounts for calendar pads and the like may be seen in my prior U.S. Patents including U.S. Pat. No. 4,975,137 for a process for making a casebound hinged display mount having three rectangular panels and a pen holding slot formed on one edge of one of the rectangular panels to support a pen therein and includes attaching a thin aluminum strip hinge with a visible groove between two of the panels. In U.S. Pat. No. 4,288,935, a display and book combination allows for a calendar combination which swings to give access to a phone or reference book. Three panels are used with two being connected with a ductile hinge. In U.S. Pat. No. 4,696,118 for a Desk Calendar, a display mount has paperboard panels with three of the panels being hinged together with flexible hinges while two of the panels are connected with one ductile hinge. In my prior patent for a Display Book Apparatus, U.S. Pat. No. 4,288,935, I have combined a display and book combination which allows the calendar to swing forward to give access for a phone or reference book. In my U.S. Pat. No. 3,188,113, a paper holder has a V-shaped pen receptacle and has a display mount with a pencil or pen holder formed therein and requires a connected panel. In U.S. Pat. No. 3,002,720, a display mount is shown attaching panels together with a thin strip of aluminum so that the panels, once casebound, can be folded into position without having additional supports for the mount. In U.S. Pat. No. 4,351,123 for a Display Mount and Method, a plurality of casebound panels are connected together to define a hinge line between each pair of the hinged panels and a transparent polymer material overlays the casebinding material covering at least a portion of two panels and extending over the hinge area to form two transparent pockets.

In contrast to these and other prior Cross patents, the present invention is for a display mount method and apparatus in which three panels are hinged together with a single ductile hinge to provide an attractive, lightweight, and inexpensive calendar display.

SUMMARY OF THE INVENTION

A display mount having three panels are hinged together with one ductile hinge. The first display panel is hinged to a second display panel connected with a ductile hinge so that the first and second display panels can be positioned relative to each other and an easel panel is connected to the same ductile hinge but cut to hinge separately and positioned relative to the first and second panel so that a single ductile hinge hingedly supports the three panels together. A calendar pad is attached to the first display panel with staples extending along the edge of the panel and through the casebinding and through the ductile hinge to reinforce the attachment of the ductile hinge and which helps force the bending hinge line for the three panels. The first display panel may be a single panel or may be folded into a double panel which has the easel panel cut from the first display panel. The method of making the present display mount includes selecting first and second panels of predetermined size, which may include cutting a predetermined end portion of the selected first panel to form the second display panel from the first panel, and attaching a ductile hinge across the first and second panels. The method includes cutting an easel shape into a portion of the first panel and into the attached ductile hinge while leaving the ductile hinge attached thereto and may include folding one end of the panel over onto itself to form a double, face-to-face panel with the cut easel lines cut on one side. The folded first panel is attached in the folded position so that the easel panel can be pulled from one side of the folded panel on the ductile hinge. The method also includes attaching a calendar pad with staples to the folded first display panel by stapling through the panel casebinding and to the ductile hinge to force the bending of the hinge line along a predetermined line. A phone index may be printed on one side of the easel and on the back of the first panel.

BRIEF DESCRIPTION OF THE DRAWINGS

Other objects, features, and advantages of the present invention will be apparent from the written description and the drawings in which:

FIG. **1** is a perspective view of a display mount in accordance with the present invention;

FIG. **2** is a sectional view of a display mount of FIG. **1** taken on line **2—2**;

FIG. **3** is a rear perspective view of a display mount of FIGS. **1** and **2**;

FIG. **4** is a diagrammatic view of the display mount of FIG. **4**;

FIG. **5** is another perspective view of the display mount of FIGS. **1–4** having the display mount set upside down from the view shown in FIGS. **1** and **3**;

FIG. **6** is a diagrammatic view of the display mount of FIG. **5**; and

FIG. **7** is a top plan view of a partially made display mount in accordance with FIGS. **1–6**.

DESCRIPTION OF THE PREFERRED EMBODIMENT

Referring to the drawings and especially to FIGS. **1** and **2**, a display mount **10** is illustrated having a display panel **11** which has a casebinding **12** covering the front thereof and has indicia **13** imprinted on the face thereof. A panel **14** has a calendar pad **15** attached thereto with a pair of staples **16** and may be formed of a single panel or may have a folded double panel board having a rear panel portion **17** and a front panel **19**. The panel **14** is connected to the panel **11** with a ductile hinge **18** which may consist of a thin strip of aluminum or aluminum alloy attached to the back of the panels **11** and **14** so that the panels can be bent relative to each other and to any angle desired where they will maintain their position. The first and second panels have been casebound together so that the staples **16** can pass through the casebinding **12** and into the ductile hinge **18** without passing through the panel **14** or by passing through only one of the folded panels. An easel panel **20** is casebound with a